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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/731,458	12/09/2003	William V. Da Palma	BOC920030097 (008)	4435

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BOCA RATON, FL 33487

EXAMINER
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PANNALA, SATHYANARAYA R

ART UNIT	PAPER NUMBER
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2164

MAIL DATE	DELIVERY MODE
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03/24/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/731,458

**Applicant(s)**

DA PALMA ET AL.

**Examiner**

Sathyanarayan Pannala

**Art Unit**

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 19 December 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SE/US)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***REOPENED (Pre-Appeal)***

1. In view of the Pre-Appeal Brief Request filed on 12/19/2007 PROSECUTION IS HEREBY REOPENED. New grounds of rejection are set forth below.
2. In this Office Action, claims 1-18 are pending.

***Specification***

3. The title of the invention is too long. A new title is required that is clearly indicative of the invention to which the claims are directed.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Herriot (US Patent 6,154,742) hereinafter Herriot, and in view of Mattis et al. (US Patent 6,289,358) hereinafter Mattis.

6. As per independent claims 1, 7, 13, Herriot teaches a system and method for obtaining a copy of a data object. A location independent identifier associated with the desired data object is obtained (col. 2, lines 16-18). Herriot teaches the claimed, a method of constructing a system-independent key from a universal resource indicator for use in an index-less caching system (Fig. 2, col. 9, lines 28-45 and col. 12, lines 58-67).

Herriot does not explicitly teach converting URL characters to a name. However, Mattis teaches the claimed, the method comprising converting characters of the universal resource indicator to equivalent values resulting in a value string having a value string length, the value string including a file name associated with a cached resource (Fig. 2, col. 8, lines 19-26). Thus, it would have been obvious to one of ordinary skill in the data processing art at the time of the invention, to have combine the

teachings of the cited references because Mattis' teachings would have allowed Herriot's method so that proxy caches can efficiently and flexibly store variants of objects for the same URL, targeted on client browser, language, or other attribute of the client request (col. 5, lines 21-24).

5. As per dependent claims 2, 8, 14, further comprising: determining if the value string length exceeds a predetermined maximum file entry length for the caching system and converting the value string into discrete file entries including one or more directory entries and the file name associated with the cached resource, wherein each discrete file entry contains a number of values equal to or less than the maximum file entry length (Fig. 2, col. 9, lines 52-59).

6. As per dependent claims 3, 9, 15, Herriot teaches the claimed, the index-less caching system is a Web browser (Fig. 2, col. 9, lines 6-8).

7. As per dependent claims 4, 10, 16, Herriot teaches the claimed, the index-less caching system is a VoiceXML browser (col. 8, lines 42-46).

8. As per dependent claim 5, 11, 17, Herriot teaches the claimed, the equivalent values are alphanumeric values (Fig. 2, col. 9, lines 48-56).

9. As per dependent claims 6, 12, 18, Herriot teaches the claimed, the alphanumeric values are hexadecimal values (Fig. 2, col. 9, lines 48-56).

### ***Response to Arguments***

10. Applicant's arguments in Pre-Appeal Brief Conference Request filed on 11/16/2007 have been fully considered but are moot in the view of new ground of rejection.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sathyanarayan Pannala whose telephone number is (571) 272-4115. The examiner can normally be reached on 8:00 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on (571) 272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2164

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Sathyanarayan Pannala/  
Primary Examiner

srp  
March 27, 2008